

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR021025\  
 Data File : PR070252.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Feb 2025 16:09  
 Operator : AJ\MA  
 Sample : Q1168-01  
 Misc : AR1242 LOD 25 PPB  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/11/2025  
 Supervised By :Ankita Jodhani 02/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 11 00:45:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR021025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 10 14:13:17 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 3.625 | 2.956 | 18205527 | 90136252 | 16.123  | 15.457   |
| 2) SA Decachlor...          | 9.509 | 8.226 | 13258376 | 74314310 | 18.546  | 18.150   |
|                             |       |       |          |          |         |          |
| Target Compounds            |       |       |          |          |         |          |
| 16) L4 AR-1242-1            | 4.845 | 4.074 | 567353   | 2999322  | 23.626  | 23.192   |
| 17) L4 AR-1242-2            | 4.865 | 4.091 | 930472   | 3244912  | 23.989  | 16.684 # |
| 18) L4 AR-1242-3            | 4.929 | 4.272 | 530260   | 2085733  | 21.140m | 20.043   |
| 19) L4 AR-1242-4            | 5.031 | 4.364 | 474226   | 2845701  | 24.410m | 27.765   |
| 20) L4 AR-1242-5            | 5.818 | 4.912 | 360423   | 2076420  | 19.036  | 18.120m  |
| -----                       |       |       |          |          |         |          |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Operator : AJ\MA  
Sample : Q1168-01  
Misc : AR1242 LOD 25 PPB  
ALS Vial : 20 Sample Multiplier: 1

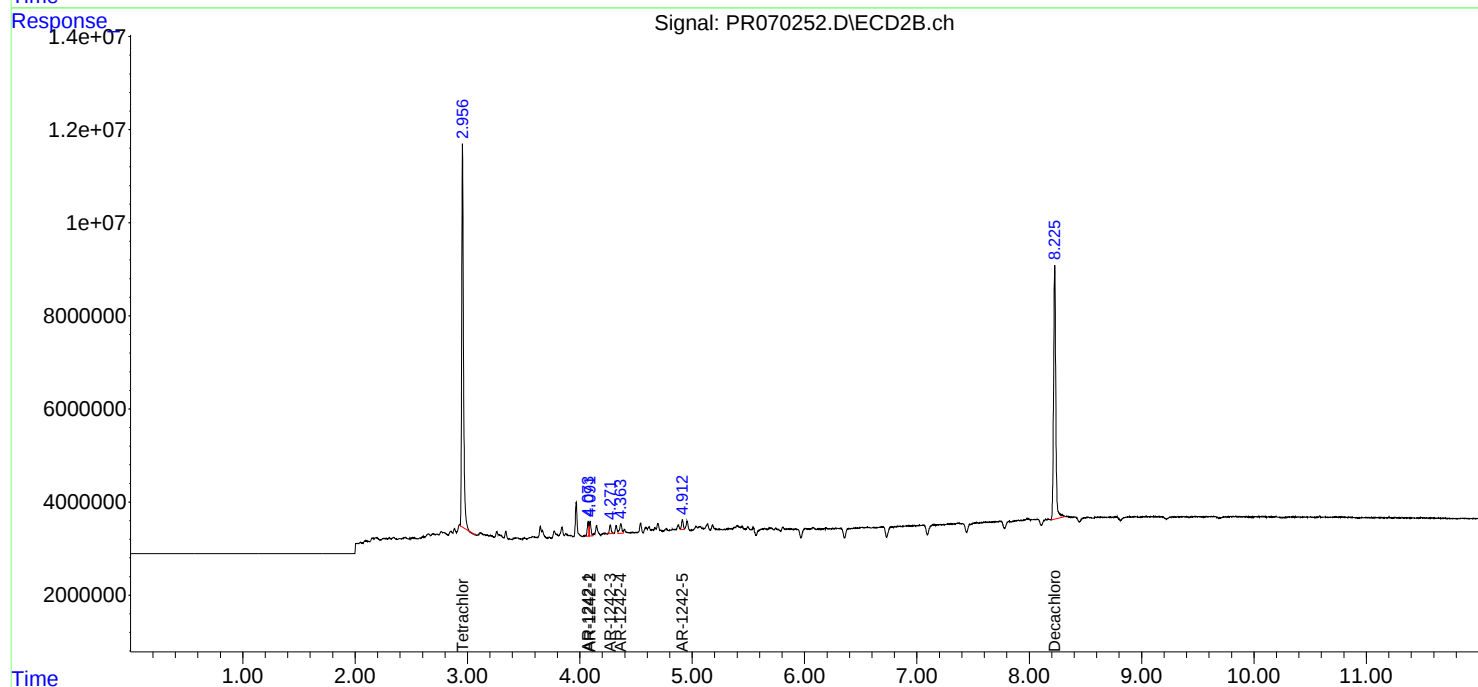
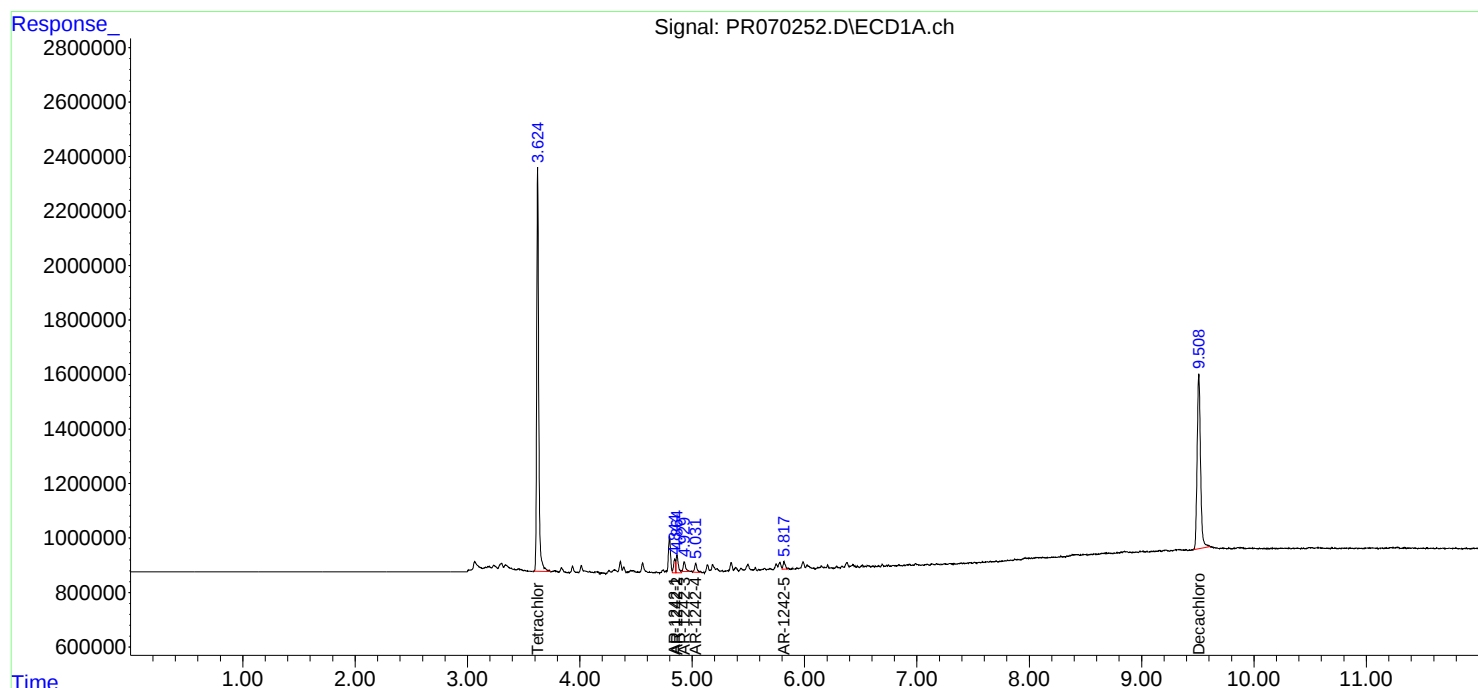
Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2025

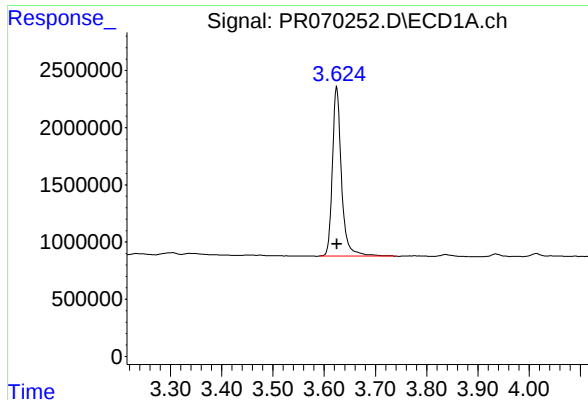
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Integration File signal 1: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR021025.M  
Quant Title : GC EXTRACTABLES  
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Volume Inj. : 2 µl  
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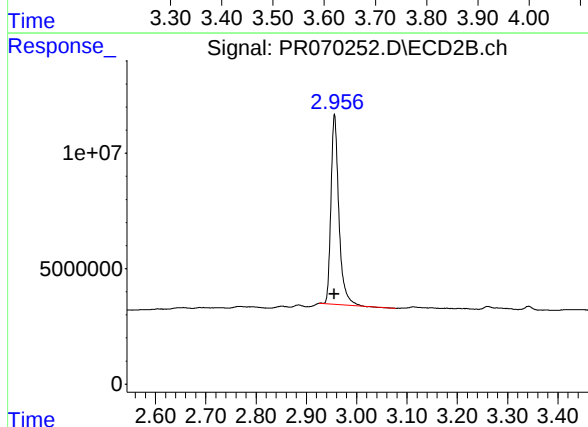
#1 Tetrachloro-m-xylene

R.T.: 3.625 min  
Delta R.T.: 0.000 min  
Response: 18205527  
Conc: 16.12 ng/ml

Instrument : ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2025

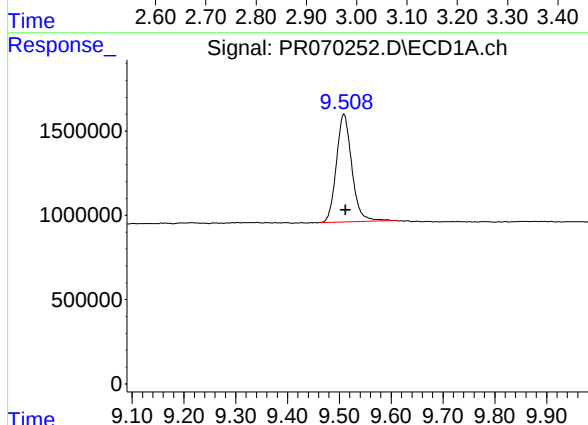
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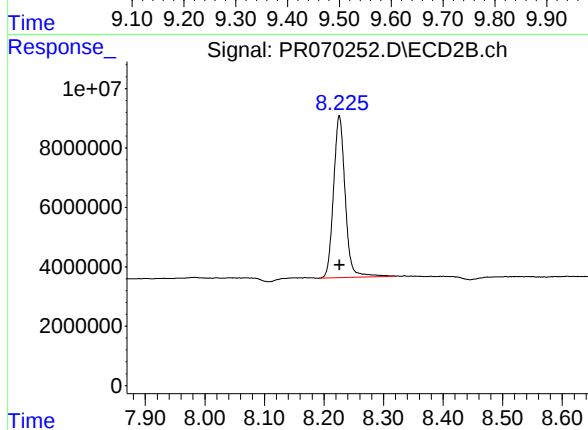
#1 Tetrachloro-m-xylene

R.T.: 2.956 min  
Delta R.T.: 0.000 min  
Response: 90136252  
Conc: 15.46 ng/ml



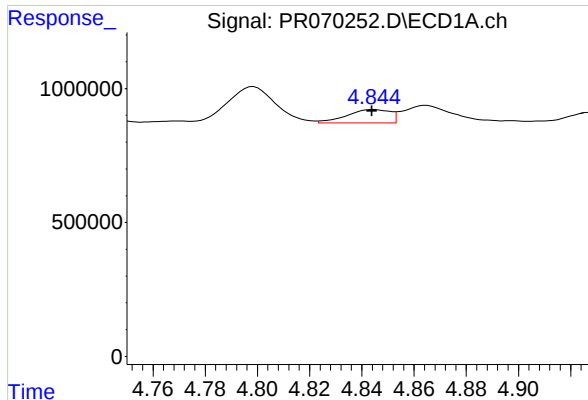
#2 Decachlorobiphenyl

R.T.: 9.509 min  
Delta R.T.: -0.003 min  
Response: 13258376  
Conc: 18.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.226 min  
Delta R.T.: 0.000 min  
Response: 74314310  
Conc: 18.15 ng/ml



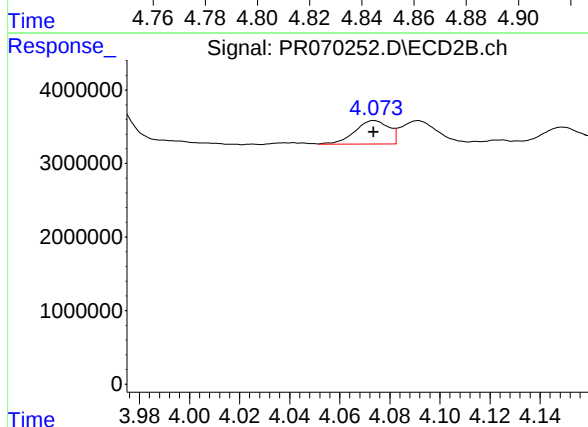
#16 AR-1242-1

R.T.: 4.845 min  
Delta R.T.: 0.000 min  
Response: 567353  
Conc: 23.63 ng/ml

Instrument :  
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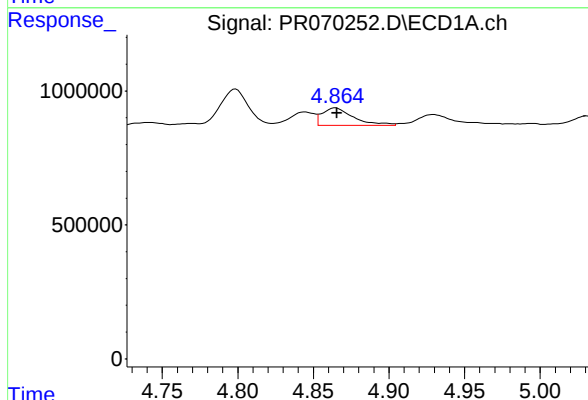
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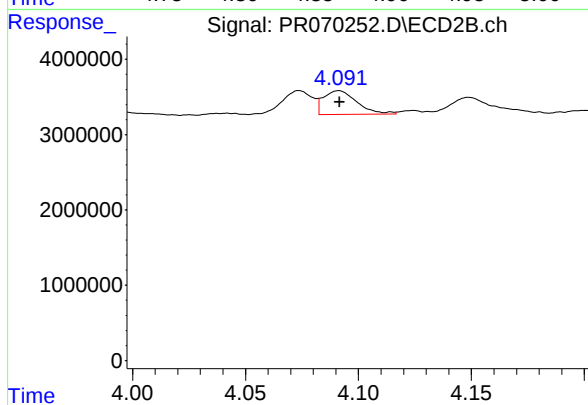
#16 AR-1242-1

R.T.: 4.074 min  
Delta R.T.: 0.000 min  
Response: 2999322  
Conc: 23.19 ng/ml



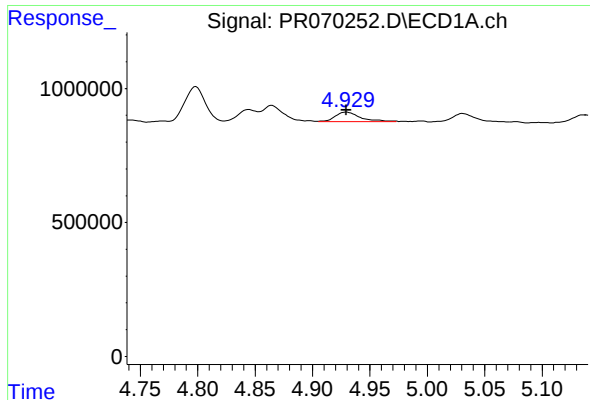
#17 AR-1242-2

R.T.: 4.865 min  
Delta R.T.: 0.000 min  
Response: 930472  
Conc: 23.99 ng/ml



#17 AR-1242-2

R.T.: 4.091 min  
Delta R.T.: 0.000 min  
Response: 3244912  
Conc: 16.68 ng/ml



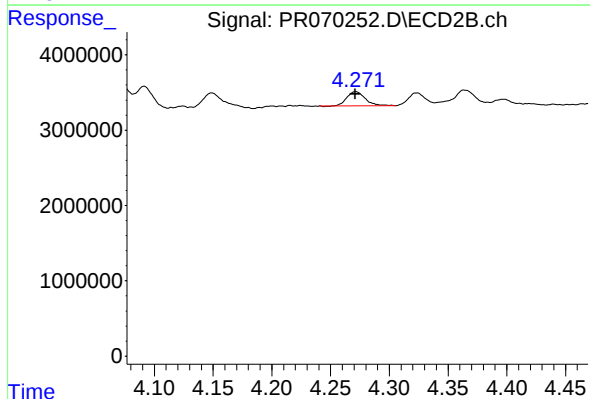
#18 AR-1242-3

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 530260  
Conc: 21.14 ng/ml

Instrument :  
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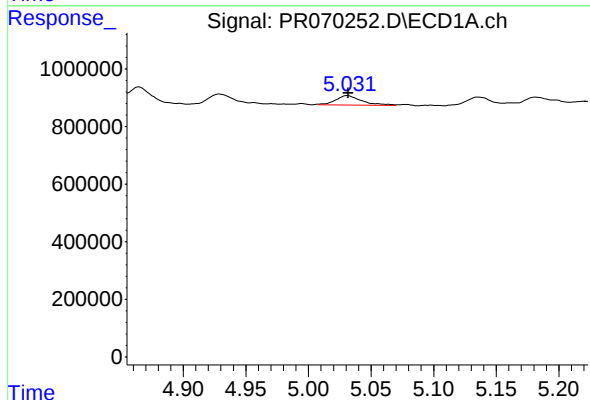
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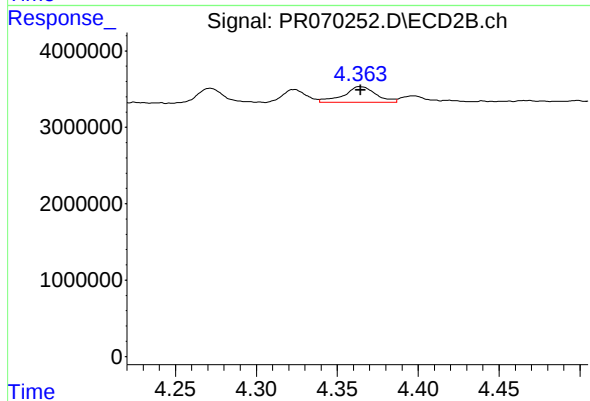
#18 AR-1242-3

R.T.: 4.272 min  
Delta R.T.: 0.000 min  
Response: 2085733  
Conc: 20.04 ng/ml



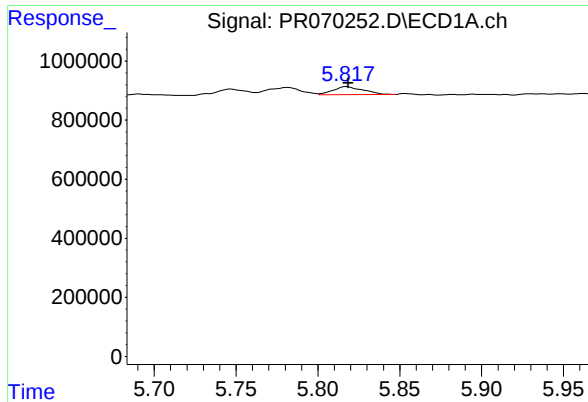
#19 AR-1242-4

R.T.: 5.031 min  
Delta R.T.: -0.001 min  
Response: 474226  
Conc: 24.41 ng/ml m



#19 AR-1242-4

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 2845701  
Conc: 27.76 ng/ml



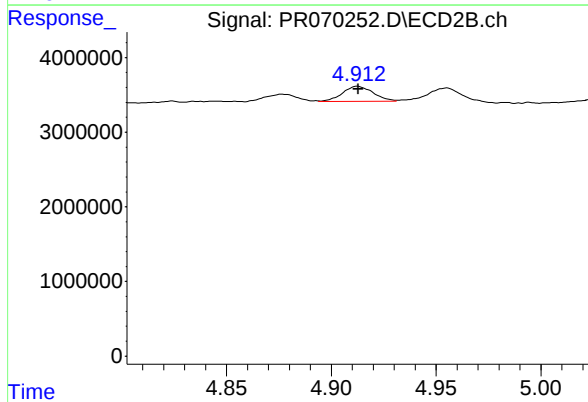
#20 AR-1242-5

R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 360423  
Conc: 19.04 ng/ml

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#20 AR-1242-5

R.T.: 4.912 min  
Delta R.T.: 0.000 min  
Response: 2076420  
Conc: 18.12 ng/ml m